

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF

THE DEPENDENT RESURVEY OF

A PORTION OF THE NORTH BOUNDARY OF  
TOWNSHIP 35 SOUTH, RANGE 3 EAST,

AND

A PORTION OF THE SUBDIVISIONAL LINES,

AND

THE SUBDIVISION OF SECTION 32,

AND

THE METES-AND-BOUNDS SURVEY OF TRACT 37

IN

**TOWNSHIP 34 SOUTH, RANGE 3 EAST**

OF THE SALT LAKE MERIDIAN  
IN THE STATE OF UTAH

EXECUTED BY

**Daniel T. Gillins**  
**Cadastral Surveyor**

Under Special Instructions dated **May 6, 2009**, approved **May 6, 2009**, which provided for the surveys included under Group Number **1106**, and Assignment Instructions dated **May 6, 2009**.

Survey commenced **May 7, 2009**  
Survey completed **June 9, 2009**

# INDEX DIAGRAM

Township 34 South, Range 3 East

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## TOWNSHIP 34 SOUTH, RANGE 3 EAST, SALT LAKE MERIDIAN, UTAH

The following field notes are those of the dependent resurvey of a portion of the north boundary of Township 35 South, Range 3 East, and a portion of the subdivisional lines, and the subdivision of section 32, and the metes-and-bounds survey of Tract 37 in Township 34 South, Range 3 East, Salt Lake Meridian, Utah.

History of Surveys			
Surveyed by		Retr. or Resurveyed by	

**SOUTH BOUNDARY**

All	W. Lewman	1893	
All			G.D. Voorhees et al. 1959
Portion			G.E. Reynolds 1980-83

**EAST BOUNDARY**

All	A. Nelson	1937-39
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**WEST BOUNDARY**

Portion	G.D. Voorhees et al	1959
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**NORTH BOUNDARY**

Portion	J.P. Walker	1904	
Portion			G.D. Voorhees et al. 1959

**SUBDIVISION**

Portion	J.P. Walker	1904
Portion	G.D. Voorhees et al	1959

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group No. 1106, dated May 6, 2009.

The direction of the lines was determined by references to true meridians, established by Global Positioning System (GPS) utilizing Real-Time Kinematic (RTK) techniques throughout the survey. The positional accuracy of this survey complies with the Standards and Guidelines for Cadastral Surveys Using Global Positioning System Methods, dated May 9, 2001, Version 1.0. Trimble model 5800 GPS receivers were used for field collection. Cadastral Automated Plat Drafting (CAPD) software was the primary software utilized for the project calculations.

Preliminary to the resurvey, the lines of the prior surveys were retraced and search was made for all corners and other calls of record. Identified corners were remonumented in their original positions. Lost corners were reestablished and remonumented at proportionate positions based on the official record. The retracement data was thoroughly verified and only the true line field notes are given herein.

## TOWNSHIP 34 SOUTH, RANGE 3 EAST, SALT LAKE MERIDIAN, UTAH

Cadastral Control Network was derived from GPS static observations, post processed by the National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS): FREDONIA CORS ARP, MARYSVALE\_UT2006 CORS ARP, and CITY OF PAGE CORS ARP.

The geographic position of the corner of sections 29, 30, 31, and 32 of Township 34 South, Range 3 East, as determined by direct RTK methods from the National Geodetic Survey OPUS solution, is as follows:

Latitude: 37°48'51.033" N.      Longitude: 111°36'20.957" W.      N.A.D. 1983,  
Network Accuracy = 0.200 meter at 95% confidence.

DEPENDENT RESURVEY OF A PORTION OF THE NORTH BOUNDARY,  
TOWNSHIP 35 SOUTH, RANGE 3 EAST, SALT LAKE MERIDIAN, UTAH

CHAINS

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Dependent Resurvey of a Portion of the North Boundary,  
Township 35 South, Range 3 East, Salt Lake Meridian, Utah

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Reestablishment of the Survey Executed by  
W. Lewman in 1893, and the Resurveys Executed by G.D. Voorhees  
et al. in 1959, and G.E. Reynolds in 1980-83.

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Beginning at the corner of sections 4 and 5 only, monumented with an iron post, 2 1/2 inches diameter, firmly set in a mound of stone, 3 feet base, 20 inches high to top of brass cap marked as described in the official record of the 1959 resurvey.

Corner is located on a steep, northwest facing slope.

S. 88°48.5' W., along the north boundary of section 5.

**3.926** The corner of sections 32 and 33 only, Township 34 South, Range 3 East, monumented with an iron post, 1 inch diameter, firmly set, projecting 3 inches above a mound of stone, 3 feet base, 1 foot high, with brass cap marked as described in the official record of the 1959 resurvey.

Corner is located on south slope of a drainage, course southwest.

**31.705** Point for Angle Point 9 of Tract 37, hereinafter described.

**41.183** The 1/4 section corner of section 5 only, monumented with an iron post, 1 inch diameter, firmly set, buried 26 inches below ground, with brass cap marked as described in the official record of the 1959 resurvey,

from which the 1893 bearing tree:

A pinion, 24 inches diameter, bears N. 65° W., 200 links distance, with an open blaze on trunk's southwest face.

An iron post, 2 1/2 inches diameter, firmly set for a reference monument, bears S. 22°46.7' W., 79.6 links distance, in a mound of stone, 4 feet base, 2 feet high to top of brass cap marked T35SR3E 1/4 S5 RM 53 FT 1959 and an arrow pointing to the corner. (1959 Record: S. 23° W., 80 links)

There is no remaining evidence of the reference monument set to the northwest during the 1959 resurvey.

DEPENDENT RESURVEY OF A PORTION OF THE NORTH BOUNDARY,  
TOWNSHIP 35 SOUTH, RANGE 3 EAST, SALT LAKE MERIDIAN, UTAH

CHAINS

Found a rebar, 3/8 inch diameter, firmly set alongside the iron post.

At the corner point

Set an aluminum post, 2 1/2 inches diameter, 26 inches long, over the iron post, with aluminum cap marked:

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1/4 S5  
T35SR3E  
2009

Deposit the rebar inside the aluminum post.

Corner is located in a horse pasture.

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N. 88°45.6' W., beginning new measurement.

- 2.242 Point for Angle Point 1 of Tract 37, hereinafter described.
- 2.768 True point for the 1/4 section corner of section 32 only, Township 34 South, Range 3 East, not monumented.
- 4.455 Center line of Pine Creek Road, a paved road, bears northwest and southeast.
- 39.687 The corner of sections 5 and 6 only, monumented with an iron post, 2 1/2 inches diameter, firmly set in a mound of stone, 3 feet base, 22 inches high to top of brass cap marked as described in the official record of the 1959 resurvey.

From this corner,

The corner of sections 31 and 32 only, Township 34 South, Range 3 East, bears N. 89°09.3' W., 3.079 chains distance, monumented with an iron post, 2 1/2 inches diameter, firmly set in a small mound of stone, 2 feet base, 22 inches high to top of brass cap marked as described in the official record of the 1959 resurvey.

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Dependent Resurvey of a Portion of the Subdivisional Lines,  
Township 34 South, Range 3 East, Salt Lake Meridian, Utah

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Reestablishment of the Survey Executed by  
G.D. Voorhees et al. in 1959.

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From the corner of sections 32 and 33, on the south boundary of the township, hereinbefore described.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
TOWNSHIP 34 SOUTH, RANGE 3 EAST, SALT LAKE MERIDIAN, UTAH

CHAINS

N. 0°05.4' W., between sections 32 and 33.

- 37.069 The 1/4 section corner of sections 32 and 33, monumented with an iron post, 1 inch diameter, firmly set, projecting 12 inches above solid sandstone, with brass cap marked as described in the official record of the 1959 resurvey, with a mound of stone, 2 feet base, 1 feet high, west of corner.

Corner is located on a north facing slope.

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From the corner of sections 31 and 32, on the south boundary of the township, hereinbefore described.

N. 0°00.3' W., between sections 31 and 32.

- 37.008 The 1/4 section corner of sections 31 and 32, monumented with an iron post, 2 1/2 inches diameter, firmly set in a mound of stone, 3 feet base, 10 inches high to top of brass cap marked as described in the official record of the 1959 resurvey.
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N. 0°00.4' W., beginning new measurement.

- 39.977 The corner of sections 29, 30, 31, and 32, monumented with an iron post, 2 1/2 inches diameter, firmly set, projecting 12 inches above ground, with brass cap marked as described in the official record of the 1959 resurvey, with a small mound of stone west of corner.
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From the 1/4 section corner of sections 29 and 32, monumented with an iron post, 1 inch diameter, firmly set in a mound of stone, 2 feet base, 10 inches high to top of brass cap marked as described in the official record of the 1959 resurvey.

Corner is located on a steep, southwest facing slope.

N. 89°58.6' W., between sections 29 and 32. (Sectional Correction Line).

- 39.955 The corner of sections 29, 30, 31, and 32.
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The Subdivision of Section 32,  
Township 34 South, Range 3 East, Salt Lake Meridian, Utah

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From the true point for the 1/4 section corner of section 32 only, hereinbefore described.

N. 0°01.5' W., on the N-S center line of section 32.

THE SUBDIVISION OF SECTION 32,  
TOWNSHIP 34 SOUTH, RANGE 3 EAST, SALT LAKE MERIDIAN, UTAH

CHAINS

0.203 Point of intersection with the line between Angle Points 1 and 2 of Tract 37, not monumented.

0.218 The 1959 1/4 section corner of section 32 only, monumented with an iron post, 2 1/2 inches diameter, firmly set, projecting 6 inches above a mound of stone, 3 feet base, 6 inches high, with brass cap marked as described in the official record of the 1959 resurvey. Add AM and 2009 to cap.

Corner is located 43 links east of a barbed wire fence extending northwest and southeast.

11.809 Point of intersection with the line between Angle Points 7 and 8 of Tract 37, not monumented.

37.829 Point for the center 1/4 section corner of section 32, at the intersection with the E-W center line of section.

Set an aluminum post, 30 inches long, 2 1/2 inches in diameter, 22 inches in the ground to bedrock, in a mound of stone, 3 feet base to top of aluminum cap marked:

T 34 S R 3 E

C 1/4 S 32

2009

Set a steel fence post alongside the aluminum post.

Corner is located on a steep, southwest facing, solid sandstone slope, under a pinion tree.

77.813 The 1/4 section corner of sections 29 and 32.

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From the 1/4 section corner of sections 32 and 33.

N. 89°58.1' W., on the E-W center line of section 32.

39.973 The center 1/4 section corner of section 32.

79.945 The 1/4 section corner of sections 31 and 32.



THE METES-AND-BOUNDS SURVEY OF TRACT 37,  
TOWNSHIP 34 SOUTH, RANGE 3 EAST, SALT LAKE MERIDIAN, UTAH

CHAINS

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The Metes-and-Bounds Survey of Tract 37,  
Township 34 South, Range 3 East, Salt Lake Meridian, Utah

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Section 2604 of the Omnibus Public Land Management Act of 2009 directs the conveyance of 25 acres of public land situated in Section 32 of Township 34 South, Range 3 East, just north of the Turnabout Ranch. This 25 acre piece of land shall hereinafter be referred to as Tract 37, with its metes and bounds surveyed as follows.

The west boundary of Tract 37 shall be identical with the northeasterly right-of-way line of Pine Creek Road. Garfield County asserts a right-of-way width for Pine Creek Road of 100 feet, being 50 feet on either side of the center line of the road. The west boundary of Tract 37 is thus determined at a distance of 50 feet northeasterly and perpendicular to the existing center line of the said road.

From the point for Angle Point 1 of Tract 37, on the south boundary of the township.

Set an aluminum post, 30 inches long, 2 1/2 inches in diameter, 26 inches in the ground, with aluminum cap marked:

T34S      TR37  
S32      AP1  
S5  
T 35 S R 3 E  
2009

Set a steel fence post alongside the aluminum post.

**N. 67°48.8' W.**, along the northeasterly right-of-way line of Pine Creek Road.

**0.569** The point of Intersection with the N-S center line of section 32, hereinbefore described.

**3.655** Point for Angle Point 2 of Tract 37.

Set an aluminum post, 30 inches long, 2 1/2 inches in diameter, 27 inches in the ground, with aluminum cap marked:

S32      TR 37  
AP2  
T 34 S R 3 E  
2009

Set a steel fence post alongside the aluminum post.

THE METES-AND-BOUNDS SURVEY OF TRACT 37,  
TOWNSHIP 34 SOUTH, RANGE 3 EAST, SALT LAKE MERIDIAN, UTAH

CHAINS

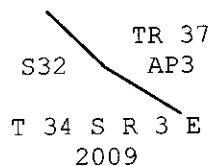
Corner is located 47.9 links east of a wire fence extending northwest and southeast.

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Thence, **N. 57°16.4' W.**, along the northeasterly right-of-way line of Pine Creek Road.

**10.083** Point for Angle Point 3 of Tract 37.

Set an aluminum post, 30 inches long, 2 1/2 inches in diameter, 27 inches in the ground, with aluminum cap marked:



TR 37  
AP3  
T 34 S R 3 E  
2009

Set a steel fence post alongside the aluminum post.

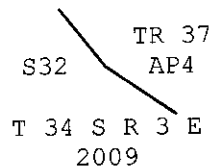
Corner is located 37.9 links east of a barbed wire fence extending northwest and southeast.

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Thence, **N. 50°21.3' W.**, along the northeasterly right-of-way line of Pine Creek Road.

**2.078** Point for Angle Point 4 of Tract 37.

Set an aluminum post, 30 inches long, 2 1/2 inches in diameter, 28 inches in the ground, with aluminum cap marked:



TR 37  
AP4  
T 34 S R 3 E  
2009

Set a steel fence post alongside the aluminum post.

Corner is located N. 11° E., 28.9 links distance, from a fence post with barbed wire fences extending southeast and northeast.

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Thence, **N. 36°54.1' W.**, along the northeasterly right-of-way line of Pine Creek Road.

**1.376** Point for Angle Point 5 of Tract 37.

THE METES-AND-BOUNDS SURVEY OF TRACT 37,  
TOWNSHIP 34 SOUTH, RANGE 3 EAST, SALT LAKE MERIDIAN, UTAH

CHAINS

Set an aluminum post, 30 inches long, 2 1/2 inches in diameter, 25 inches in the ground, with aluminum cap marked:

T 34 S    TR 37  
R 3 E    AP 5  
S32  
2009

Set a steel fence post alongside the aluminum post.

Corner is located on a southwest facing, rocky slope.

Thence, N. 21°31.3' W., along the northeasterly right-of-way line of Pine Creek Road.

6.727 Point for Angle Point 6 of Tract 37.

Set an aluminum post, 30 inches long, 2 1/2 inches in diameter, 30 inches in the ground, with aluminum cap marked:

T 34 S R 3 E  
S32    AP 6  
TR 37  
2009

Set a steel fence post alongside the aluminum post.

Corner is located at toe of a fill slope for a dirt road, bears northwest and southeast.

Thence, S. 74°39.1' E.

14.191 Point for Angle Point 7 of Tract 37.

Set an aluminum post, 30 inches long, 2 1/2 inches in diameter, 27 inches in the ground, with aluminum cap marked:

T 34 S R 3 E  
S 32  
AP 7  
TR 37  
2009

THE METES-AND-BOUNDS SURVEY OF TRACT 37,  
TOWNSHIP 34 SOUTH, RANGE 3 EAST, SALT LAKE MERIDIAN, UTAH

CHAINS

Corner is located at the north end of a horse pasture, alongside a fence post with barbed wire fences extending east and south-southwest.

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Thence, N.  $88^{\circ}36.8'$  E.

2.545 The point of intersection with the N-S center line of section 32, hereinbefore described.

10.474 Point for Angle Point 8 of Tract 37.

Set an aluminum post, 30 inches long, 2 1/2 inches in diameter, 29 inches in the ground, with aluminum cap marked:

T 34 S R 3 E

S 32

AP 8  
TR 37  
2009

Set a steel fence post alongside the aluminum post.

Corner is located on a bench at the extension line of a barbed wire fence running west along north end of a horse pasture.

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Thence, S.  $20^{\circ}01.0'$  E.

12.627 Point for Angle Point 9 of Tract 37, on the south boundary of the township.

Set an aluminum post, 30 inches long, 2 1/2 inches in diameter, 29 inches in the ground, with aluminum cap marked:

TR 37 / T 34 S  
AP9 / S32  
S5  
T 35 S R 3 E  
2009

Set a steel fence post alongside the aluminum post.

Corner is located N.  $19^{\circ}30'$  W., 27 links, from a fence post with barbed wire fences extending west and northwest.

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Thence, S.  $88^{\circ}48.5'$  W., along the north boundary of section 5, T. 35 S., R. 3 E.

THE METES-AND-BOUNDS SURVEY OF TRACT 37,  
TOWNSHIP 34 SOUTH, RANGE 3 EAST, SALT LAKE MERIDIAN, UTAH

CHAINS

- 9.478 Point for Angle Point 10 of Tract 37, identical with the 1/4 section corner of section 5 only, T. 35 S., R. 3 E., hereinbefore described.

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Thence, N. 88°45.6' W., beginning new measurement.

- 2.242 Angle Point 1 of Tract 37, the point of beginning.
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**FIELD ASSISTANTS**

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Name	Capacity
Ronald K. Baugh	Supervisory Cadastral Surveyor
Adrian M. Kurip	Survey Technician

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## CERTIFICATE OF SURVEY

I, **Daniel T. Gillins, Cadastral Surveyor**, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing the date of the **6th day of May, 2009**, have **dependently resurveyed a portion of the north boundary of T. 35 S., R. 3 E., and a portion of the subdivisional lines, subdivided section 32, and surveyed the metes-and-bounds of Tract 37 in T. 34 S., R 3 E.,** of the **Salt Lake** meridian, in the State of **Utah**, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said Special Instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

July 9, 2009

Date

Daniel T. Gillins

(Cadastral Surveyor)

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Salt lake City, Utah

The foregoing field notes of the **dependent resurvey of a portion of the north boundary of Township 35 South, Range 3 East, and a portion of the subdivisional lines, the subdivision of section 32, and the metes-and-bounds survey of Tract 37 in Township 34 South, Range 3 East, Salt Lake Meridian, Utah**, executed by **Daniel T. Gillins, Cadastral Surveyor**, having been critically examined and found correct, are hereby approved.

July 14, 2009

Date

Daniel W. Webb

(Chief Cadastral Surveyor for Utah)

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